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Textile Organon

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MONTHLY REVIEW

Highlights

6-Month U.S. Exports of Man-Made Fiber . . . see page 188.

6-Month U.S. Imports of Man-Made Fiber . . . see page 189.

Second Quarter 1984 Imports, Exports & Balance of Man-Made Fiber & Manufactures . . . see page 186.

Textile Organon Feature:

The U.S. Textile Trade Balance: An Overview . . . begins on page 180.

Polyester textile yarn shipments rose for the second straight month, though shipments of polyester industrial yarn fell in September.

Shipments of nylon carpet yarn rose for the second consecutive month, while September nylon textile yarn shipments rose to the highest level since May.

Nylon staple+tow shipments fell in September, as did shipments of acrylic+modacrylic and polyester staple+tow.

Shipments of olefin yarn+monofilaments fell in September, while shipments of olefin+vinyon staple+tow remained unchanged from August.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *PERCENT*

ITEM	1984 SEP	1984 AUG	% [a]	1983 SEP	% [b]	YEAR TO DATE 1984	YEAR TO DATE 1983	% [c]
YARN+MONOFILAMENTS								
ACETATE	**14.3**	**17.6**	*-18.7*	**19.0**	*-24.7*	**158.4**	**170.4**	*-7.0*
NYLON[d] - INDUSTRIAL	30.7	30.9	-0.6	30.6	+0.3	278.6	225.9	+23.3
- LOW DENIER INDUSTRIAL	3.1	2.8	+10.7	3.1	---	26.1	24.9	+4.8
- CARPET	69.7	67.1	+3.9	71.4	-2.4	599.1	556.4	+7.7
- TEXTILE	29.2	28.6	+2.1	31.5	-7.3	270.0	285.0	-5.3
POLYESTER - INDUSTRIAL	24.9	27.4	-9.1	27.4	-9.1	237.0	229.8	+3.1
- LOW DENIER INDUSTRIAL	1.7	1.9	-10.5	2.1	+19.0	18.1	19.2	-5.7
- TEXTILE	72.0	69.2	+4.0	84.0	-14.3	635.9	758.1	-16.1
OLEFIN	57.2	60.8	-5.9	63.6	-10.1	533.5	538.5	-0.9
TOTAL NONCELLULOSIC ABOVE	**288.5**	**288.7**	*-0.1*	**313.7**	*-8.0*	**2598.3**	**2637.8**	*-1.5*
STAPLE+TOW+FIBERFILL								
RAYON	**28.7**	**33.4**	*-14.1*	**32.0**	*-10.3*	**296.7**	**281.4**	*+5.4*
NYLON[d]	66.1	73.4	-9.9	82.8	-20.2	629.3	685.7	*-8.2*
ACRYLIC+MODACRYLIC	55.6	59.9	-7.2	58.2	-4.5	513.0	498.8	*+2.8*
POLYESTER	179.1	189.5	-5.5	208.3	-14.0	1635.4	1640.4	-0.3
OLEFIN+VINYON	21.9	21.9	---	17.3	+26.6	182.3	134.1	+35.9
TOTAL NONCELLULOSIC ABOVE	**322.7**	**344.7**	*-6.4*	**366.6**	*-12.0*	**2960.0**	**2959.0**	*+0.1*

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
Also see footnotes on last page of this issue.

Textile Organon

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DATAGRAM

Inventories decline again

Fiber producer inventories of noncellulosic yarn, staple and tow fell again in September. Since the peak levels of July, inventories have fallen a total of 47.5 million pounds.

Main reasons for the inventory decline —

- Production of noncellulosic fiber edged downward in September.
- Yarn + monofilaments. Production has declined steadily since June, while shipments have rebounded strongly from depressed July levels.
- Staple + tow. Production has declined significantly since June, while shipments have bounced back from low July levels.

Key products with lower production and higher shipment levels: Polyester textile yarn and polyester staple + tow.

Man-made fiber & manufactures trade balance improves

The combined trade balance of man-made fiber and man-made fiber manufactures improved slightly during the second quarter of 1984.

Imports of both fiber and manufactures fell from first quarter levels, while exports rose.

Yet the net import balance for the second quarter of 15.6 million pounds compares to a net export balance of 35.0 million pounds for the second quarter of 1983.

Key areas to note —

- Man-made fiber net export balance rose to 126.3 million pounds, up from the first quarter export balance of 115.4 million pounds.
- Garment net import balance fell marginally to 146.5 million pounds, down from 147.2 million pounds for the first quarter.

DuPont to hike nylon carpet fiber capacity

The DuPont Co. has announced it will expand its nylon carpet fiber capacity by 100 million pounds at its Seaford, Del., and Camden, S.C., plants. (DNR, 10/18/84)

Rhone-Poulenc to end acrylic fiber production

France's Rhone-Poulenc has announced it will close its acrylic fiber plant at Colmar in eastern France before 1986, ending the company's participation in the European acrylic fiber business. (European Chemical News, 10/8/84)

Courtaulds to acquire Cyanenka of Spain

Agreement has been reached for Courtaulds, Ltd. to acquire the Spanish acrylic fibers producer Cyanenka from Enka International and American Cyanamid. The deal is pending approval by the Spanish government. (European Chemical News, 10/8/84)

U.S. MAN-MADE FIBER TEXTILE TRADE BALANCE: An Overview

The U.S. balance of trade in man-made fiber and manufactures dropped sharply in the first six months of 1984 to a net **import** balance of 55.0 million pounds. This compares with a net **export** balance of 92.0 million pounds for the first half of 1984, and a net **import** balance of 84.8 million pounds for the second half.

When placed in perspective of previous trade balance levels, this net **import** balance represents a significant departure from the historical trend of net **export** balances since 1973. Yet the first six-month 1984 data merely typify a deepening erosion since 1980 in the trade balance situation.

Greatly increased imports of garments, a weakening trade position in man-made fibers, as well as declining exports of both man-made fiber and manufactures have contributed greatly to the trade balance deterioration.

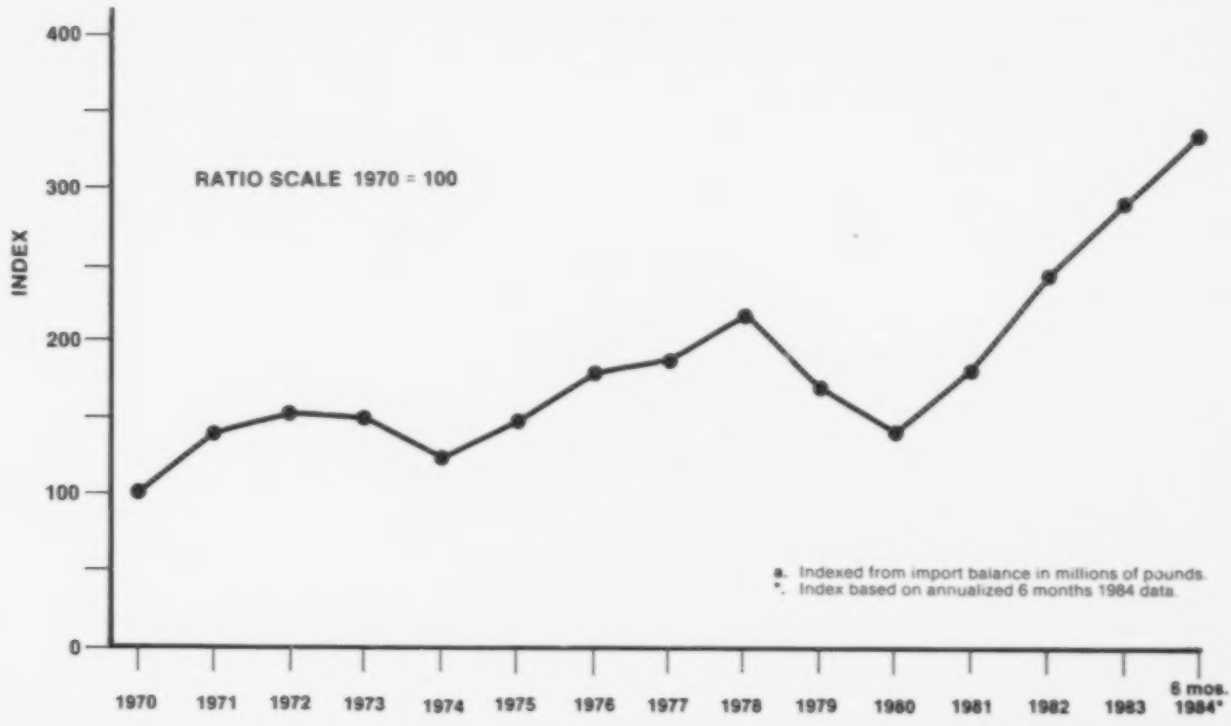
As graph 1 depicts, an index of the U.S. net **import** balance of garments has increased dramatically since 1980. With 1970 as the base point of 100, the 1980 index stood at 143, while by the first half of 1984 the index ballooned to 335. Most importantly, over the same period the overall U.S. man-made fiber and manufacture trade balance eroded from a net **export** balance of 1,433.5 million pounds to the net **import** balance of 55.0 million pounds for the first six months of 1984 (graph 2). This erosion is a direct result of the garment import trade.

Since 1973, the U.S. has enjoyed a net **export** balance of trade in man-made fibers, but as is exhibited in graph 3, the balance of trade in man-made fibers has declined significantly since 1981. Declining exports coupled with increasing imports have caused the man-made fiber trade balance to deteriorate in much the same manner as the garment import balance has eroded trade in manufactures.

When combined, the declining man-made fiber trade balance and the garment import balance have had a devastating effect on the overall trade situation for man-made fiber textiles since 1980.

However, it is the importance of garment net **import** balance which really has had the greatest impact on the overall trade situation. Graph 4 shows the effect of excluding the garment trade element from the man-made fiber manufacture balance. Without the garments included, the trade in man-made fiber manufactures would for most years exhibit a net **export** balance, as opposed to a net **import** balance when garments are included.

GRAPH 1: INDEX OF U.S. GARMENT IMPORT TRADE BALANCE[a]
1970-1984



a. Indexed from import balance in millions of pounds.
*. Index based on annualized 6 months 1984 data.

GRAPH 2: U.S. BALANCE OF TRADE IN MAN-MADE FIBER MANUFACTURES
1970-1984

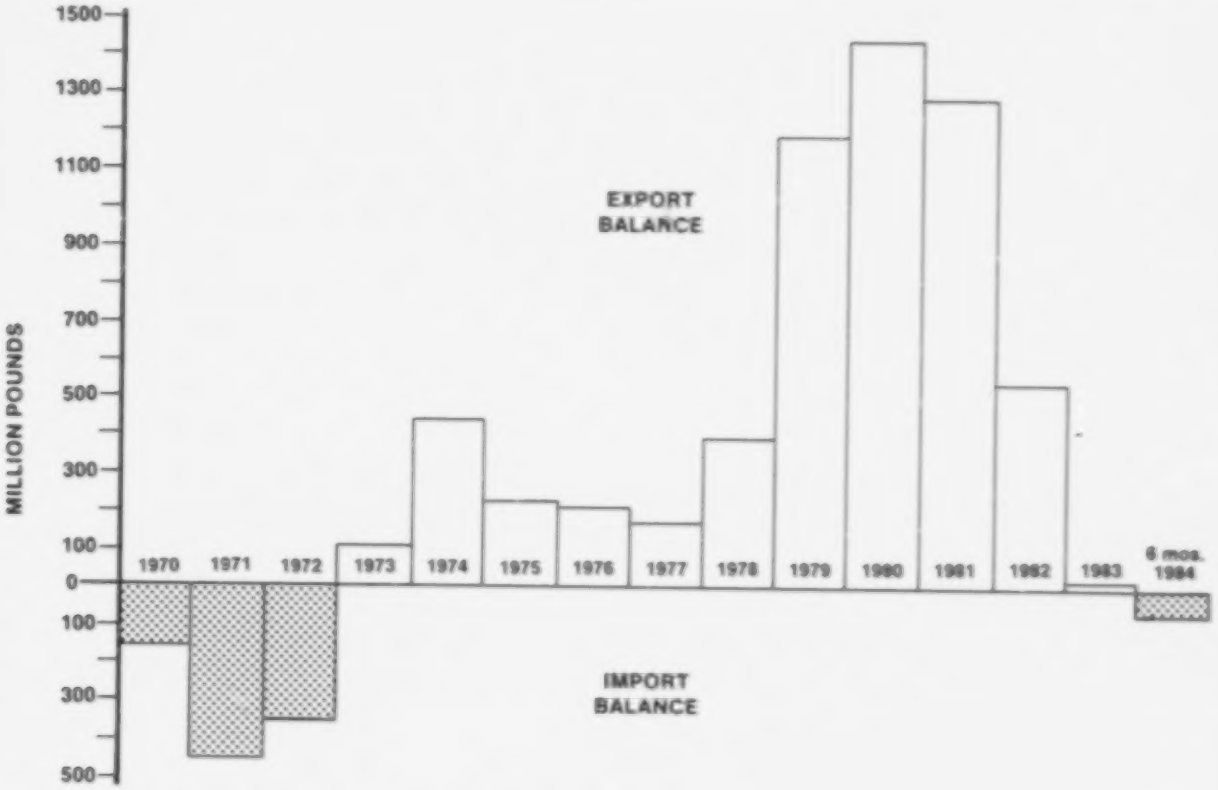


TABLE 2: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES
1970-1984

YEAR	IMPORTS	EXPORTS	BALANCE[a]	
1970	614.3	460.6	153.7	I
1971	902.3	480.4	421.9	I
1972	919.8	561.7	358.1	I
1973	830.0	938.1	108.1	E
1974	630.1	1083.8	453.7	E
1975	581.9	815.3	233.4	E
1976	710.0	922.2	212.2	E
1977	781.6	958.5	176.9	E
1978	848.5	1248.3	399.8	E
1979	636.1	1830.3	1194.2	E
1980	636.3	2079.8	1443.5	E
1981	796.4	2088.7	1292.3	E
1982	831.5	1374.3	542.8	E
1983	1103.2	1110.4	7.2	E
1ST 6 MOS. 1983	502.9	594.9	92.0	E
2ND 6 MOS. 1983	600.3	515.5	84.8	I
6 MOS. 1984	682.4	627.4	55.0	I

a. I means import balance. E means export balance.

GRAPH 3: U.S. BALANCE OF TRADE IN MAN-MADE FIBER VERSUS U.S. BALANCE OF TRADE IN MAN-MADE FIBER MANUFACTURES

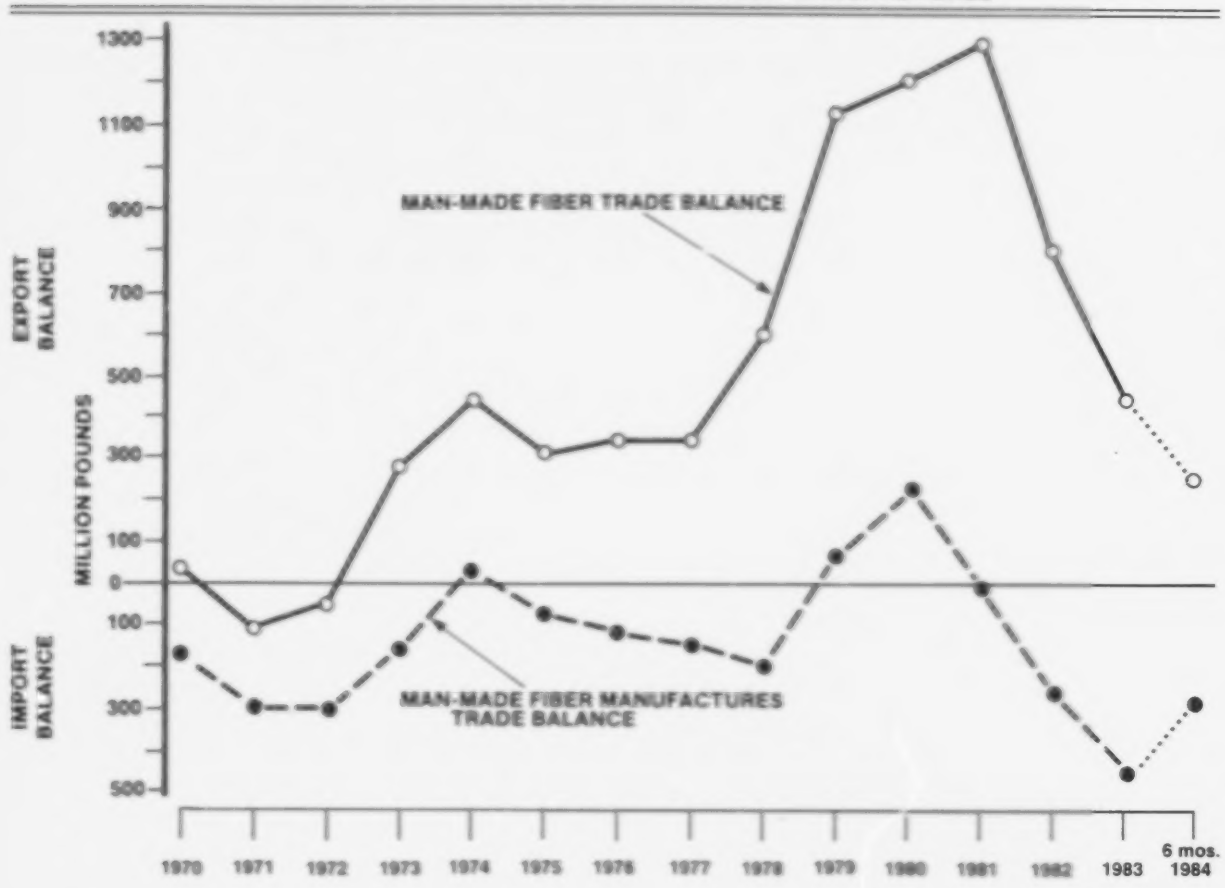


TABLE 3A: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER [a]
1970-1984

YEAR	IMPORTS	EXPORTS	BALANCE[a]	
1970	285.0	313.5	28.5	E
1971	451.2	333.7	117.5	I
1972	439.3	384.1	55.2	I
1973	367.1	651.9	284.8	E
1974	258.9	693.1	434.2	E
1975	181.5	492.9	311.4	E
1976	230.5	570.0	339.5	E
1977	250.5	591.4	340.9	E
1978	205.9	806.6	600.7	E
1979	111.1	1233.7	1122.6	E
1980	95.7	1308.3	1212.6	E
1981	157.3	1451.0	1293.7	E
1982	133.5	935.8	802.3	E
1983	218.2	670.0	451.8	E
1ST 6 MOS. 1983	93.6	373.8	280.2	E
2ND 6 MOS. 1983	124.6	296.2	171.6	E
6 MOS. 1984	145.6	387.3	241.7	E

a. I means import balance. E means export balance.

TABLE 3B: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES [a]
1970-1984

YEAR	IMPORTS	EXPORTS	BALANCE[a]	
1970	329.3	147.1	182.2	I
1971	451.1	146.7	304.4	I
1972	480.5	177.6	302.9	I
1973	462.9	286.2	176.7	I
1974	371.2	390.7	19.5	E
1975	400.4	322.4	78.0	I
1976	479.5	352.2	127.3	I
1977	531.1	367.1	164.0	I
1978	642.6	441.7	200.9	I
1979	525.0	596.6	71.6	E
1980	540.6	771.5	230.9	E
1981	639.1	637.7	1.4	I
1982	698.0	438.5	259.5	I
1983	885.0	440.4	444.6	I
1ST 6 MOS. 1983	409.3	221.1	188.2	I
2ND 6 MOS. 1983	475.7	219.3	256.4	I
6 MOS. 1984	536.8	240.1	296.7	I

a. I means import balance. E means export balance.

GRAPH 4: U.S. IMPORT & EXPORT BALANCE OF MAN-MADE FIBER MANUFACTURES
1970-1984

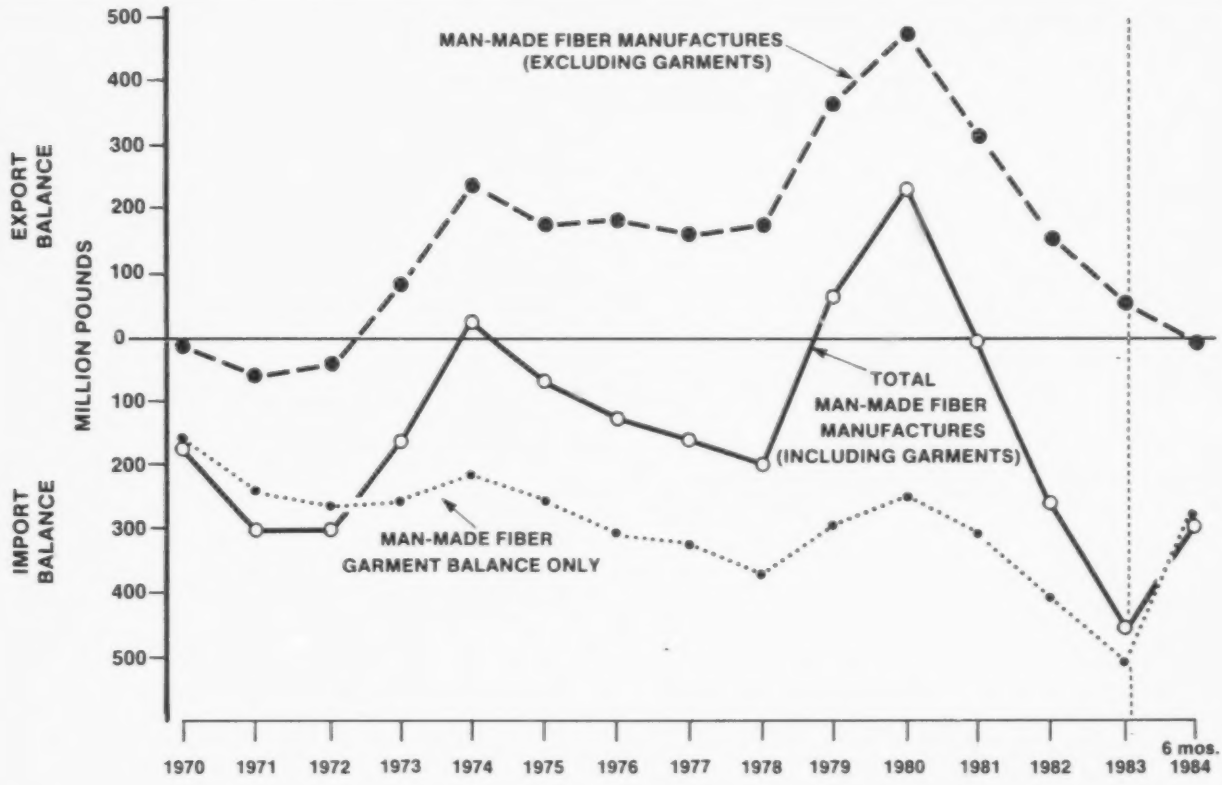


TABLE 4A: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES (EXCLUDING TRADE IN GARMENTS) 1970-1984

YEAR	IMPORTS	EXPORTS	BALANCE[a]	
1970	141.1	134.3	6.8	I
1971	195.1	130.6	64.5	I
1972	196.9	152.8	44.1	I
1973	178.4	263.4	85.0	E
1974	119.2	357.6	238.4	E
1975	111.4	290.6	179.2	E
1976	135.1	317.8	182.7	E
1977	164.6	327.3	162.7	E
1978	217.0	393.1	176.1	E
1979	165.2	536.1	370.9	E
1980	162.0	644.4	482.4	E
1981	202.0	517.0	315.0	E
1982	211.5	363.3	151.8	E
1983	310.7	369.5	58.8	E
1ST 6 MOS. 1983	143.4	186.5	43.1	E
2ND 6 MOS. 1983	167.3	183.0	15.7	E
6 MOS. 1984	202.4	199.4	3.0	I

a. **I** means import balance. **E** means export balance.

TABLE 4B: U.S. GARMENTS TRADE BALANCE

YEAR	BALANCE[a]	
1970	175.4	I
1971	239.9	I
1972	262.8	I
1973	261.7	I
1974	218.9	I
1975	257.2	I
1976	310.0	I
1977	326.7	I
1978	377.0	I
1979	299.3	I
1980	251.5	I
1981	316.4	I
1982	411.3	I
1983	503.4	I
1ST 6 MOS. 1983	231.3	I
2ND 6 MOS. 1983	272.1	I
6 MOS. 1984	293.7	I

a. **I** means import balance. **E** means export balance.

TABLE 5: SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. N.C. INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984
CANADA	1404	1630	772	22753	31952	11168	5212	6643	2829	1610	1053	159	62163	72168	33462
COSTA RICA	18	44	20	1268	1231	1347	854	470	302	44	40	66	4435	5676	2853
DOMINICAN REPUBLIC	185	29	0	1771	2681	486	108	98	71	59	39	0	281	429	245
EL SALVADOR	131	2	1	3037	2759	1985	903	558	208	128	347	0	6972	9248	3553
GUATEMALA	35	34	0	3428	1876	1345	568	213	185	38	300	0	6030	4989	1381
HAITI	1	2	0	797	726	174	193	773	419	2	0	0	23	32	3
HONDURAS	1	2	0	1040	1035	234	39	8	6	0	+	+	1744	1985	1012
JAMAICA	34	0	0	181	354	127	6	27	1	0	2	44	6	31	22
LEEWARD & WINDWARD IS.	0	0	0	3	157	0	3	10	1	31	0	0	8	2	7
MEXICO	7	23	16	2321	350	179	1217	641	643	10506	5999	3553	6871	1686	787
NICARAGUA	+	0	0	4	+	0	8	+	1	0	0	0	440	7	0
PANAMA	0	0	0	72	52	20	41	12	36	0	0	0	189	108	5
TRINIDAD	0	0	0	68	120	64	9	39	14	1	+	1	7	17	18
OTHER	1	+	1	90	2	5	45	11	7	2	+	0	123	13	34
NORTH AMERICA	**1817**	**1766**	**810**	**36833**	**43295**	**17134**	**9206**	**9503**	**4723**	**12421**	**7780**	**3822**	**89292**	**96391**	**43382**
ARGENTINA	231	197	48	3551	3125	1064	200	481	450	461	286	318	6792	7493	5374
BOLIVIA	0	22	0	46	9	22	+	21	1	0	0	0	631	615	21
BRAZIL	17	1	+	1232	956	1161	1793	754	346	66	6	15	2285	253	2392
CHILE	26	56	8	198	194	139	26	206	20	1060	3002	1113	2481	4197	3588
COLOMBIA	46	160	0	1993	1388	926	1120	372	280	3008	3048	2292	3348	4675	7975
ECUADOR	820	769	190	699	671	182	441	224	36	1145	826	264	8098	5789	825
PARAGUAY	0	6	0	19	26	0	1	0	0	0	0	0	+	0	0
PERU	2	3	0	1308	260	51	879	137	99	526	577	752	1541	965	478
URUGUAY	0	0	0	56	354	82	41	1	2	54	13	4	116	143	385
VENEZUELA	13	66	3	1586	1295	782	774	219	126	11778	8905	11248	1818	1222	978
OTHER	0	+	0	0	6	20	5	18	0	0	2	0	+	2	0
SOUTH AMERICA	**1155**	**1280**	**249**	**10688**	**8284**	**4429**	**5280**	**2433**	**1360**	**18098**	**16665**	**16006**	**27110**	**25354**	**22016**
BELGIUM/LUX.	9115	7513	1876	9610	16988	7805	13195	15316	4915	33	21	406	14219	13314	9539
DENMARK	+	0	0	377	232	87	477	0	0	10	17	8	8968	3674	1136
FRANCE	16	20	0	3869	2619	1298	615	361	83	142	166	109	636	536	449
GERMANY, FED. REP. OF	487	146	234	3230	1119	737	1653	1205	174	231	341	159	3026	895	761
GREECE	34	7	0	68	235	0	23	36	13	1	33	0	714	288	306
IRELAND	+	0	0	4219	3989	1565	130	70	43	0	0	0	244	484	86
ITALY	5	+	0	3512	1454	506	1492	3417	2435	369	63	24	4013	758	521
NETHERLANDS	+	0	0	758	1039	880	293	162	85	19	18	42	2623	1676	2034
UNITED KINGDOM	10	62	0	8261	3874	2236	3761	4014	2649	470	353	151	5782	3524	1533
AUSTRIA	0	0	0	0	29	1	11	11	720	4	4	12	38	43	2
CZECHOSLOVAKIA	141	0	0	0	0	0	22	150	129	0	0	0	44	0	0
FINLAND	3	0	0	809	188	14	202	386	12	30	2	3	5013	2921	34
GERMAN DEM. REP.	0	0	0	38	84	19	0	0	279	0	0	0	267	447	242
HUNGARY	2	0	+	1091	0	0	+	0	0	0	0	0	1197	0	0
ICELAND	0	0	0	1	1	0	37	0	+	0	0	0	278	0	104
NORWAY	0	+	0	224	113	6	38	41	0	32	46	30	741	127	44
POLAND	0	53	52	304	219	0	453	3674	1640	0	0	0	219	4421	4353
PORTUGAL	0	0	0	332	439	325	65	8	3	0	2	0	782	101	1
SPAIN	0	0	0	1279	361	0	1331	2629	1125	242	96	14	1321	2771	292
SWEDEN	11	0	0	347	223	258	1857	1198	832	40	27	17	1163	903	203
SWITZERLAND	1	6	0	1228	281	7	76	42	12	8	15	6	1203	1074	14
TURKEY	0	4	0	5375	4329	0	16178	20338	13931	0	0	0	2791	3801	55
USSR	969	1374	0	0	0	0	0	0	0	0	11178	11217	304	0	0
YUGOSLAVIA	12	0	0	+	0	0	137	+	137	0	0	0	526	396	0
OTHER	0	109	0	0	7	0	+	0	252	0	219	0	0	220	42
EUROPE	**10806**	**9294**	**2162**	**44982**	**37823**	**15744**	**42046**	**53058**	**29469**	**1631**	**12601**	**12198**	**56112**	**42374**	**21751**

See footnotes opposite.

TABLE 6: SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. N.C. INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984	1982	1983	6 MOS. 1984
AUSTRALIA	1517	2216	705	9700	5082	3319	1373	1559	704	713	322	87	8694	4941	2431
BANGLADESH	0	0	0	440	220	0	0	0	0	0	0	0	0	0	0
CHINA, PEOPLE'S REP. OF	5164	0	0	95109	13014	11673	404	34	51	6	0	0	137360	42424	28734
HONG KONG	5	4	40	2174	574	134	465	204	76	3888	2	2	2171	1805	2715
INDIA	16	14	46	1430	230	101	2189	2017	1005	632	433	0	310	245	20
INDONESIA	48	36	0	1267	288	150	76	+	0	3323	575	15	743	90	593
IRAQ	0	0	0	715	1308	6	+	0	0	0	0	0	0	0	0
ISRAEL	26	1	0	5880	3829	1461	5299	5832	1365	71	3	3	1739	1316	1276
JAPAN	54	5	+	2682	1564	940	8782	9033	5114	294	193	101	7529	2913	1801
JORDAN	0	0	0	652	228	14	0	6	+	0	0	0	1	+	0
KOREA, REP. OF	758	491	286	3406	1022	115	646	251	203	8063	1100	1	2812	5133	2361
LEBANON	0	0	0	80	165	25	0	+	7	0	0	0	1	+	0
MALAYSIA	0	15	0	0	0	0	23	0	1	40	3	7	307	45	573
NEW ZEALAND	31	67	5	1206	612	636	226	301	295	32	271	7	466	243	208
PAKISTAN	4	0	0	91	77	33	1	0	75	2	29	0	48	1	0
PHILIPPINES	25	16	28	476	262	219	40	163	166	8861	1297	1699	3028	5315	1023
QATAR	0	0	0	0	0	0	0	144	0	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	97	64	35	273	111	1	3	11	4	122	1	43
SINGAPORE	0	0	0	30	2	11	6	5	3	2420	+	2	298	106	145
SYRIA	0	0	0	310	19	0	408	0	582	0	0	0	0	0	0
TAIWAN	178	13	1700	485	425	4186	913	1299	936	1918	670	50	40876	53660	30664
THAILAND	36	24	30	46	20	0	38	13	1	3473	0	0	831	782	684
UNIT. ARAB EMIRATES	0	0	0	108	0	0	0	+	1	0	0	0	6	2	0
OTHER	0	3	2	13	122	0	13	39	0	6	0	1	83	28	108
ASIA & OCEANIA	**7862**	**2905**	**2842**	**126397**	**29127**	**23058**	**21319**	**20867**	**10585**	**33745**	**4909**	**1979**	**207425**	**119050**	**73379**
ALGERIA	0	0	0	10133	5372	407	+	0	2	0	0	0	7	0	0
CAMEROON	0	0	0	425	67	127	0	0	0	0	0	0	0	+	286
EGYPT	0	4	0	20903	5618	2898	1147	0	4	999	915	444	289	7612	8555
KENYA	0	0	0	0	0	0	0	+	1	0	5	1	391	241	0
MOROCCO	0	33	71	2935	29	69	597	7	21	26	0	0	147	0	0
MOZAMBIQUE	0	0	0	0	31	0	2	0	0	0	0	0	0	256	0
NIGERIA	0	0	0	7201	5941	264	176	2	59	0	101	0	99	0	631
SOUTH AFRICA	498	536	257	3108	3881	1752	1378	418	226	93	118	20	27210	18132	10843
SUDAN	0	0	0	0	1	0	0	0	4	0	0	0	2080	217	108
TANZANIA	0	0	0	935	488	34	0	1	8	0	0	0	0	0	0
TUNISIA	0	0	0	245	76	81	0	0	0	0	0	0	5	0	90
ZAMBIA	0	0	0	0	0	0	187	187	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	139	28	46	+	+	0	0	0	0	727	2139	1836
OTHER	0	0	0	74	127	83	27	+	0	0	118	0	129	0	0
AFRICA	**498**	**573**	**328**	**46098**	**21659**	**5761**	**3514**	**428**	**325**	**1118**	**1257**	**465**	**31084**	**28597**	**22349**
GRAND TOTAL	**22138**	**15818**	**6391**	**264998**	**140188**	**66126**	**81365**	**86289**	**46463**	**67013**	**43212**	**34471**	**411023**	**311766**	**182877**

The commodity numbers are:

A. 309.0110, .2210, 310.0006 & .0026.

B. 310.0008, .0009, .0010, .0014, .0029, .0034, .0040 & .0044.

C. 309.0120, .0140, .0170, .2220, .2270, 310.0027 & .0032.

D. 309.4219, & .4222.

E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247.

TABLE 7: U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES, COTTON MANUFACTURES & WOOL MANUFACTURES

MILLION POUNDS

PRODUCTS	1ST Q 1983			2ND Q 1983			3RD Q 1983			4TH Q 1983			1ST Q 1984			2ND Q 1984		
	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]	IMP	EXP	BAL[a]
CELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	2.0	5.1	3.1 E	2.0	3.4	1.4 E	2.6	3.8	1.2 E	2.1	3.4	1.3 E	2.7	4.4	1.7 E	2.0	2.0	0
STAPLE+TOW[b]	2.3	8.6	6.3 E	4.1	18.7	14.6 E	3.5	9.2	5.7 E	3.8	6.7	2.9 E	4.9	16.1	11.2 E	3.5	18.4	14.9 E
WASTE	+	0.4	0.4 E	0.1	0.2	0.1 E	+	0.2	0.2 E	0.1	0.6	0.5 E	0.1	0.9	0.8 E	0.1	0.1	0
SUBTOTAL ABOVE	**4.3**	**14.1**	**9.8 E**	**6.2**	**22.3**	**16.1 E**	**6.1**	**13.2**	**7.1 E**	**6.0**	**10.7**	**4.7 E**	**7.7**	**21.4**	**13.7 E**	**5.6**	**20.5**	**14.9 E**
NONCELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	9.1	64.4	55.3 E	11.2	61.3	50.1 E	11.3	50.6	39.3 E	16.8	50.4	33.6 E	22.8	57.7	34.9 E	24.2	55.2	31.0 E
STAPLE+TOW	18.8	88.6	69.8 E	24.2	88.8	64.6 E	21.6	60.4	38.8 E	36.8	73.9	37.1 E	34.6	94.5	59.9 E	30.3	88.3	58.0 E
WASTE	9.0	18.0	9.0 E	10.8	16.3	5.5 E	12.3	16.7	4.4 E	13.7	20.3	6.6 E	12.8	19.7	6.9 E	7.6	30.0	22.4 E
SUBTOTAL ABOVE	**36.9**	**171.0**	**134.1 E**	**46.2**	**166.4**	**120.2 E**	**45.2**	**127.7**	**82.5 E**	**67.3**	**144.6**	**77.3 E**	**70.2**	**171.9**	**101.7 E**	**62.1**	**173.5**	**111.4 E**
TOTAL FIBER ABOVE[c]	**41.2**	**185.1**	**143.9 E**	**52.4**	**188.7**	**136.3 E**	**51.3**	**140.9**	**89.6 E**	**73.3**	**155.3**	**82.0 E**	**77.9**	**193.3**	**115.4 E**	**67.7**	**194.0**	**126.3 E**
MAN-MADE FIBER MANUFACTURES[d]																		
SLIVER, TOPS & ROVING	1.4	1.1	0.3 I	1.5	1.0	0.5 I	1.2	1.1	0.1 I	0.8	1.3	0.5 E	2.0	1.7	0.3 I	1.1	1.7	0.6 E
SPUN YARNS	7.8	7.2	0.6 I	10.2	7.6	2.6 I	12.9	5.5	7.4 I	10.9	5.5	5.4 I	12.2	5.7	6.5 I	14.0	5.3	8.7 I
THREAD & CRAFT YARNS	0.8	1.3	0.5 E	0.8	1.4	0.6 E	0.7	1.1	0.4 E	1.1	1.3	0.2 E	1.7	2.0	0.3 E	1.1	1.6	0.5 E
TIRE CORD & FABRIC	0.6	4.4	3.8 E	0.5	5.2	4.7 E	+	6.8	6.8 E	0.1	6.8	6.7 E	0.1	7.6	7.5 E	0.1	7.5	7.4 E
WOVEN FABRIC	25.1	28.3	3.2 E	34.9	29.0	5.9 I	33.6	25.5	8.1 I	29.6	25.8	3.8 I	36.5	24.7	11.8 I	40.6	29.0	11.6 I
KNIT FABRIC	0.5	3.5	3.0 E	0.5	3.5	3.0 E	0.5	3.7	3.2 E	0.7	3.5	2.8 E	0.7	3.3	2.6 E	0.8	3.3	2.5 E
NARROW FABRICS	3.7	5.1	1.4 E	3.2	6.4	3.2 E	3.0	7.6	4.6 E	2.9	6.5	3.6 E	3.3	6.0	2.7 E	3.0	6.8	3.8 E
APPAREL - KNIT	48.0	17.6	105.2 I	64.5	17.0	126.1 I	77.3	17.6	157.6 I	51.5	18.7	114.5 I	58.6	20.4	147.2 I	69.0	20.3	146.5 I
- NOT KNIT	74.8			78.6			97.9			81.7			109.0			97.8		
HOME FURNISHINGS[e]	23.2	15.7	7.3 E	28.7	36.5	22.3 E	30.1	27.3	11.7 E	39.2	25.5	0 E	43.0	25.9	2.1	42.2	29.3	10.1 E
OTHER		14.8			14.5			14.5			13.7			15.0			23.0	
TOTAL MANUFACTURES	**185.9**	**99.0**	**86.9 I**	**223.4**	**122.1**	**101.3 I**	**257.2**	**110.7**	**146.5 I**	**218.5**	**108.6**	**109.9 I**	**267.1**	**112.3**	**154.8 I**	**269.7**	**127.8**	**141.9 I**
TOTAL MAN-MADE FIBER & MANUFACTURES	**227.1**	**284.1**	**57.0 E**	**275.8**	**310.8**	**35.0 E**	**308.5**	**251.6**	**56.9 I**	**291.8**	**263.9**	**27.9 I**	**345.0**	**305.6**	**39.4 I**	**337.4**	**321.8**	**15.6 I**
COTTON MANUFACTURES[f]	**273.8**	**56.0**	**217.8 I**	**265.2**	**55.6**	**209.6 I**	**305.2**	**51.9**	**253.3 I**	**282.4**	**55.4**	**227.0 I**	**386.2**	**51.2**	**335.0 I**	**349.8**	**55.6**	**294.2 I**
WOOL MANUFACTURES[g]	**25.0**	**10.8**	**14.2 I**	**35.5**	**13.5**	**22.0 I**	**49.8**	**5.8**	**44.0 I**	**35.7**	**6.1**	**29.6 I**	**41.9**	**6.1**	**35.8 I**	**47.0**	**4.9**	**42.1 I**

SOURCES: The man-made fiber import and export data are from the U.S. Bureau of the Census. The man-made, cotton and wool manufactures data are from *Cotton and Wool Outlook & Situation*, a publication of the U.S. Department of Agriculture.

The total man-made fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic fibers only; textile glass fiber is excluded.

a. **E** means a net export balance
I is a net import balance.
b. Acetate tow is excluded.
c. The fibers included are shown as "Total Man-Made Fiber Above" on pages 75 and 79 of the May 1984 Organon.
d. Man-made fiber equivalent.
e. These import data do not reflect significant poundages of luggage. For May-December 1982 this poundage totaled 109.1 million pounds. For 1983, on a quarterly basis, the total was 40.0, 41.2, 47.3 and 52.1 million pounds. For the first and second quarters of 1984, the totals were, respectively, 62.3 and 77.6 million pounds.
f. Raw cotton equivalent. Data are similar to those on page 192 of this issue.
g. Raw wool content. The data differ from those on page 192 of this issue to the extent that noils and waste are included here.

TABLE 8: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1983 1ST Q	1983 2ND Q	1983 3RD Q	1983 4TH Q	1983 YEAR	1984 1ST Q	1984 2ND Q	1984 3RD Q	1984 4TH Q	1984 YEAR
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310 0006	74	103	16	46	239	25	41			
OTHER[b]	310 0026	5019	3332	3803	3342	15496	4302	1965			
MONOFILAMENTS	309 0110	11	4	5	23	43	0	2			
STRIPS	309 2210	0	12	5	23	40	56	0			
SUBTOTAL ABOVE		**5104**	**3451**	**3829**	**3434**	**15818**	**4383**	**2008**			
STAPLE+TOW - RAYON	309 4222	7979	17999	8811	5329	40118	15469	17593			
STAPLE - ACETATE	309 4219	593	688	417	1395	3093	629	780			
SUBTOTAL ABOVE		**8572**	**18687**	**9228**	**6724**	**43211**	**16098**	**18373**			
WASTE, ADVANCED & NOT ADVANCED	309 7400	**361**	**161**	**239**	**602**	**1363**	**859**	**108**			
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310 0008 & 0009	10913	10917	9730	8448	40008	10514	8259			
- HIGH TENACITY[c]	310 0027	14240	14383	12544	14439	55606	15939	15366			
- OTHER	310 0029	3587	3825	3932	4236	15580	4063	3447			
POLYESTER - TEXTURED	310 0010	22202	18265	12050	11523	64040	14324	16827			
- HIGH TENACITY[c]	310 0032	3369	3541	3191	2136	12237	2775	1615			
- OTHER[d]	310 0034	1123	885	728	977	3713	1479	1135			
OTHER - TEXTURED	310 0014	3147	3370	3445	2669	12631	1588	1385			
- OLEFIN	310 0040	246	161	168	231	806	94	133			
- OTHER	310 0044	715	1407	725	763	3610	1444	1504			
MONOFILAMENTS, ALL DENIERS											
NYLON	309 0120	797	378	439	736	2350	630	701			
POLYESTER[e]	309 0140	540	769	871	745	2925	791	620			
OTHER	309 0170	2501	2612	2146	2671	9930	2990	2855			
STRIPS	309 2220 & 2270	1047	802	575	818	3242	1094	1343			
SUBTOTAL ABOVE		**64427**	**61315**	**50544**	**50392**	**226678**	**57725**	**55190**			
STAPLE - NYLON	309 4240	3438	2806	3115	4159	13518	4222	3659			
- POLYESTER	309 4242	30316	33213	13408	24318	101255	29077	33697			
- ACRYLIC	309 4245	32262	31589	25346	25188	114385	37885	35386			
- OLEFIN	309 4246	845	1033	961	859	3698	769	614			
- OTHER	309 4247	3446	3409	2050	3069	11974	2552	1969			
GROUPED FILAMENTS											
NYLON	309 3220	691	1136	822	776	3425	1067	462			
POLYESTER[d]	309 3240	9453	6876	5731	6830	28890	10322	5423			
ACRYLIC	309 3250 & 3255	8204	8701	8994	8722	34621	8645	7127			
SUBTOTAL ABOVE		**88655**	**88763**	**60427**	**73921**	**311766**	**94539**	**88337**			
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309 7620	1737	2649	3424	4031	11841	3106	4113			
POLYESTER	309 7630	11042	10247	8456	10728	40473	11394	19245			
ACRYLIC	309 7640	276	404	600	745	2025	1166	1349			
OTHER	309 7660	4930	3048	4151	4813	16942	3993	4269			
SUBTOTAL ABOVE		**17985**	**16348**	**16631**	**20317**	**71281**	**19659**	**28976**			
TOTAL MAN-MADE FIBER ABOVE		**185104**	**188725**	**140898**	**155390**	**670117**	**193263**	**192992**			
TEXTILE GLASS FIBER	309 2700 & 9700	10333	8804	9860	10416	39413	11531	15059			
GRAND TOTAL ABOVE		**195437**	**197529**	**150758**	**165806**	**709530**	**204794**	**208051**			

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 9: U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1980	1981	1982	1983	6 MOS. 1984	1980	1981	1982	1983	6 MOS. 1984
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	2585	357	402	239	66	3574	594	655	502	211
OTHER[b]	310.0026	24130	23914	21618	15496	6267	28135	27329	24490	16908	6589
MONOFILAMENTS	309.0110	149	90	15	43	2	343	212	90	135	4
STRIPS	309.2210	66	346	105	40	56	61	273	96	56	48
SUBTOTAL ABOVE		**26930**	**24707**	**22140**	**15818**	**6391**	**32113**	**28408**	**25331**	**17601**	**6852**
STAPLE+TOW - RAYON	309.4222	64817	55156	63371	40118	33062	44031	39032	41063	27427	22807
STAPLE - ACETATE	309.4219	6255	7004	3642	3093	1409	6145	4323	3277	2677	1385
SUBTOTAL ABOVE		**71072**	**62160**	**67013**	**43211**	**34471**	**50176**	**43355**	**44340**	**30104**	**24192**
WASTE, ADVANCED & NOT ADVANCED	309.7400	6090	2799	3193	1363	967	2872	1358	1397	527	556
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & 0009	53773	69600	39429	40008	18773	72940	107096	62179	58366	29803
- HIGH TENACITY[c]	310.0027	57804	57400	48396	55606	31305	63637	72569	57259	65096	30455
- OTHER	310.0029	24967	19424	11789	15580	7510	42082	37980	23987	33591	15869
POLYESTER - TEXTURED	310.0010	114910	236152	182935	64040	31151	141835	286022	227816	80399	39432
- HIGH TENACITY[c]	310.0032	23202	23440	13752	12237	4390	27660	31474	17846	15553	5147
- OTHER[d]	310.0034	7493	11759	10179	3713	2614	8793	13226	10221	6518	3703
OTHER - TEXTURED	310.0014	19005	11751	15652	12631	2973	23056	15085	19147	16139	4646
- OLEFIN	310.0040	2520	2603	1124	806	227	2999	3312	1643	1259	335
- OTHER	310.0044	5265	5231	3891	3610	2948	18734	21738	19335	20983	15574
MONOFILAMENTS ALL DENIERS											
NYLON	309.0120	15307	7786	4424	2350	1331	30834	20698	14193	10009	4995
POLYESTER[e]	309.0140	18985	7163	4242	2925	1411	21987	11903	8662	7292	4006
OTHER	309.0170	8665	6560	8185	9930	5845	28813	23244	28295	19101	11564
STRIPS	309.2220 & 2270	3427	4555	2366	3242	2437	5181	6635	4642	5402	4988
SUBTOTAL ABOVE		**355323**	**463424**	**346364**	**226675**	**112915**	**489551**	**650982**	**495225**	**339708**	**170517**
STAPLE - NYLON	309.4240	29306	27556	15374	13518	7881	30141	33825	19751	17857	11666
- POLYESTER	309.4242	447290	522681	189584	101255	62774	285737	361110	134073	68307	42293
- ACRYLIC	309.4245	145172	156661	126617	114385	73271	103264	114359	91350	78572	51487
- OLEFIN	309.4246	3275	1758	7616	3698	1383	2371	1491	3663	2746	1340
- OTHER	309.4247	17751	18033	15410	11974	4521	25654	31381	29336	28331	16051
GROUPED FILAMENTS											
NYLON	309.3220	7282	4561	4966	3425	1529	11747	9625	11281	8766	4441
POLYESTER[e]	309.3240	54880	26777	28133	28890	15745	50247	28444	28075	25808	13337
ACRYLIC	309.3250 & 3255	23281	32655	23322	34621	15772	20408	25940	19341	28101	12209
SUBTOTAL ABOVE		**732473**	**790682**	**411022**	**311766**	**182876**	**529569**	**606175**	**336870**	**258488**	**152844**
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	14520	13938	11806	11841	7219	9050	8903	7648	6093	4190
POLYESTER	309.7630	61153	54117	50903	40473	30639	25592	20814	21091	16090	11788
ACRYLIC	309.7640	2352	4795	1713	2025	2515	801	1552	610	773	841
OTHER	309.7650	38395	34415	21654	16942	8262	13965	13433	10206	6583	3060
SUBTOTAL ABOVE		**116420**	**107265**	**86076**	**71281**	**48635**	**49408**	**44702**	**39555**	**29539**	**19879**
TOTAL MAN-MADE FIBER ABOVE		**1308308**	**1451037**	**935808**	**670117**	**386255**	**1152689**	**1374980**	**942718**	**675967**	**374840**
TEXTILE GLASS FIBER	309.2700 & 9700	54407	38934	43714	39413	26590	54269	41642	39861	29553	25775
GRAND TOTAL ABOVE		**1362715**	**1489971**	**979522**	**709530**	**412845**	**1206958**	**1416622**	**982579**	**705520**	**400615**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.
b. Includes an undetermined amount of rayon tire cord and cord fabric.
c. Includes an undetermined amount of noncellulosic tire cord and tire cord fabric.
d. Includes zero twist yarns.
e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 10: U.S. IMPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1980	1981	1982	1983	6 MOS. 1984	1980	1981	1982	1983	6 MOS. 1984
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	912	309	561	256	310	1668	505	857	290	426
OTHER	310.0130 & .0230*	7380	10373	6437	7843	4258	12222	15748	10381	12365	6432
MONOFILAMENTS	309.0310 & .0610	0	4	2	24	5	0	32	10	36	19
STRIPS, $1/LB & UNDER	309.2000*	10	33	27	570	83	16	28	15	396	28
SUBTOTAL ABOVE		**8302**	**10719**	**7027**	**8693**	**4585**	**13906**	**16313**	**11263**	**12997**	**6905**
STAPLE	309.4320 & .4325	7998	14626	11939	12752	7582	5653	10348	8383	8434	5084
GROUPED FILAMENTS	309.3010 & .3110	2308	2137	1469	836	726	5023	2211	2342	1312	1159
SUBTOTAL ABOVE		**10305**	**16763**	**13408**	**13588**	**8303**	**10676**	**12559**	**10725**	**9746**	**6243**
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	339	519	395	277	232	146	291	170	164	139
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON	310.0109 & .0209	3154	3827	4744	5123	10169	4089	7103	8157	8610	15608
- POLYESTER	310.0110 & .0210	337	768	510	2182	5698	780	939	563	2403	7435
- OTHER	310.0114 & .0214	195	492	4340	7659	4100	373	895	5580	8986	4896
OTHER - NYLON	310.0149 & .0249	3572	3976	5533	14745	14162	5687	6147	7941	17994	18473
- POLYESTER	310.0150 & .0250	6672	5441	5263	13629	9102	9906	7082	7584	17705	11871
- OTHER	310.0170 & .0270*	1417	1595	1639	2739	1480	3149	3151	4854	6730	2411
MONOFILAMENTS	309.0200 & .0330*	4038	2615	1497	1737	1701	10243	6515	5053	4721	5132
STRIPS, OVER $1/LB	309.2100 & .2500*	229	220	306	553	557	2427	1547	2069	3952	2950
SUBTOTAL ABOVE		**19614**	**19934**	**23832**	**48367**	**40990**	**38054**	**33379**	**41801**	**71101**	**60776**
STAPLE - NYLON	309.4338	1698	23576	11503	27648	15704	2365	25067	10488	23588	15472
- POLYESTER	309.4342	1344	6649	7257	21502	13304	1184	4289	4791	11912	7395
- ACRYLIC	309.4345	13296	10465	7851	13644	7071	11509	10179	6777	12052	6452
- OLEFIN	309.4346	144	1134	627	1195	1287	146	638	638	911	924
- OTHER	309.4355	14574	10666	10853	9078	7473	9779	7798	6744	7010	5035
GROUPED FILAMENTS - NYLON	309.3030 & .3130	1022	2175	7620	19085	11699	1364	2625	11385	27142	17230
- POLYESTER	309.3040 & .3140	129	336	56	2035	3891	137	541	160	2268	3714
- ACRYLIC	309.3050 & .3150	2608	3434	4438	6642	3591	4331	7181	8313	13631	7782
- OTHER	309.3065 & .3165	753	2082	882	563	913	1126	2965	1247	742	1092
SUBTOTAL ABOVE		**35568**	**60517**	**51087**	**101492**	**64033**	**31041**	**61283**	**50543**	**90256**	**65096**
WASTE, NOT ADVANCED											
NYLON	309.6625	11658	25255	22190	26745	13645	2899	8358	8275	11494	6358
POLYESTER	309.6630	5936	18111	11187	13004	3639	1004	3640	1944	2503	572
ACRYLIC	309.6645	2358	2872	932	304	38	726	999	274	76	5
OTHER	309.6660	965	2969	2530	2724	1591	305	844	689	1000	667
NOILS & GARNETTED FIBERS	309.6000 & .7000*	4	85	55	232	219	3	54	34	82	131
OTHER WASTE, ADVANCED	309.7525 - .7555	625	536	851	3080	1329	360	366	471	1219	996
SUBTOTAL ABOVE		**21548**	**49828**	**37745**	**46089**	**20461**	**5297**	**14261**	**11687**	**16374**	**8729**
TOTAL MAN-MADE FIBER ABOVE		**95679**	**157280**	**133494**	**218586**	**145559**	**99620**	**138086**	**126189**	**200728**	**155888**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1106	0	25	2	1	+	0	41	10	4	+
- NONCELLULOSIC	310.1015d & .1109*	1378	3385	5315	8110	5750	2141	5774	7806	11709	8963
OTHER -CELLULOSIC	310.1030 & .1135*	97	21	146	93	62	334	108	240	351	297
- NONCELLULOSIC	310.1050 & .1070*	389	373	979	2054	1397	1347	763	1789	3594	2075
SPUN YARN - CELLULOSIC	310.4005 & .4030*	508	659	325	1091	796	1225	1522	756	1975	1031
- OTHER	310.4015 & .4027*	19387	18599	22056	31487	17518	33114	32603	40264	51623	28434
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	2320	4117	3107	2955	661	8196	12852	9649	10969	8346
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	2260	2797	2277	2654	1914	7793	10681	9170	11898	8890
SLIVER, TOPS & ROVING	309.9000	2708	3622	2626	4755	3046	2034	2801	2977	5193	3000
TEXTILE GLASS FIBER	309.2800 & .2900*	7350	18212	219726	20020	13517	6453	12914	10114	13878	10932
GRAND TOTAL ABOVE		**132072**	**209090**	**184427**	**291726**	**190220**	**161257**	**218145**	**208964**	**320922**	**227836**

SOURCE: U.S Census Bureau Report IM146.
NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.
b. Also includes 310.0530, .0550, .0630 & .0650.
c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
e. Also includes 310.1110 & .1114.
f. Also includes 310.2010 & .2110.
g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.
h. Also includes 310.5005 & .5030.
i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.
j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 11: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984 JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	8 MONTHS 1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	55	5	0	0	0	0	0	6					66	178
CANADA	42	12	327	45	366	250	316	306					1666	1044
MEXICO	163	120	55	41	41	0	40	70					530	696
AUSTRIA	0	0	0	0	0	0	0	0					0	1317
GERMANY, FED. REP. OF	714	327	396	256	405	159	571	457					3285	1210
NETHERLANDS	28	40	40	57	49	24	65	53					356	334
UNITED KINGDOM	0	0	*	0	0	0	0	22					22	267
JAPAN	74	86	62	23	104	*	35	33					417	249
REP. OF KOREA	60	0	40	0	80	0	0	10					190	40
ALL OTHER COUNTRIES*	0	1	43	27	27	12	4	375					489	109
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**					**7021**	**5444**
CELLULOSIC STAPLE+TOW														
CANADA	803	884	919	390	568	688	376	780					5408	3368
AUSTRIA	390	70	219	282	189	94	152	38					1434	1089
FRANCE	16	18	7	2	0	38	0	0					81	78
SWEDEN	164	432	190	92	402	190	1195	0					2665	2475
UNITED KINGDOM	225	81	42	60	136	38	44	61					687	287
JAPAN	116	47	162	134	121	98	135	96					909	1206
TAIWAN	0	0	0	0	0	0	0	37					37	96
ALL OTHER COUNTRIES*	0	*	0	*	1	0	42	1					44	56
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**					**11285**	**8655**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	1284	1467	1745	2221	1742	1036	1432	984					12811	5466
MEXICO	1317	1796	1574	1486	1101	1125	961	1074					10434	2277
FRANCE	224	222	104	133	125	95	225	303					1431	1124
GERMANY, FED. REP. OF	846	1097	2010	1482	2459	1494	1844	851					12083	4121
ITALY	199	569	390	407	642	559	1049	481					4296	1309
NETHERLANDS	54	95	26	17	5	114	76	91					478	201
SPAIN	95	225	2	0	1	*	0	*					323	1003
SWITZERLAND	17	101	71	51	9	12	86	23					370	611
UNITED KINGDOM	531	89	366	204	289	128	1184	293					3084	2035
ISRAEL	111	72	84	43	148	109	348	182					1157	814
JAPAN	1131	1338	1660	1574	1640	813	1869	1246					11271	7137
REP. OF KOREA	42	55	37	24	13	13	3	102					289	481
TAIWAN	122	*	60	36	109	56	72	37					492	196
SOUTH AFRICA	347	563	112	450	695	85	326	63					2641	221
ALL OTHER COUNTRIES[c]	231	233	75	108	234	133	388	218					1620	296
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5048**					**62780**	**27292**
NONCELLULOSIC STAPLE+TOW														
CANADA	1028	1102	1219	943	1726	1186	1435	966					9605	4703
COSTA RICA	155	354	237	249	114	82	53	357					1601	251
MEXICO	2812	2217	1451	1342	1629	1179	1328	1210					13168	5796
BELGIUM	32	61	38	41	40	69	121	0					402	188
FRANCE	483	507	834	512	149	121	346	302					3254	5371
GERMANY, FED. REP. OF	1965	1587	2599	2064	2635	2371	5285	2062					20569	11631
ITALY	1182	791	1234	1519	983	749	2264	552					9274	6869
NETHERLANDS	88	140	76	63	1	0	140	18					526	412
SWITZERLAND	22	*	113	58	57	2	22	20					294	146
UNITED KINGDOM	1306	1060	1711	1113	1512	886	1387	606					9580	10253
AUSTRALIA	0	24	0	0	0	0	14	0					38	91
ISRAEL	45	28	0	30	30	0	26	2					161	112
JAPAN	1334	926	1361	1092	1430	574	2013	846					9576	8268
REP. OF KOREA	0	40	62	120	40	0	64	4					330	256
TAIWAN	826	471	1576	1265	941	539	1436	1073					8127	2154
ROMANIA	138	98	299	488	56	0	222	85					1386	172
SOUTH AFRICA	0	213	0	82	0	0	81	48					424	61
ALL OTHER COUNTRIES[d]	394	88	278	191	53	2	446	124					1576	477
TOTAL N.C. STAPLE	**11810**	**9707**	**13088**	**11172**	**11397**	**7759**	**16683**	**8275**					**89991**	**57231**

* Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Australia 3, Belgium 36, France 343, Italy 34, Switzerland 21 and Taiwan 52.

b. Belgium 1, Brazil *, Federal Republic of Germany *, Mexico 1 and Netherlands 42.

c. Australia 115, Austria 277, Belgium 64, Brazil 178, Costa Rica 221, Denmark 32, Finland 1, Hong Kong 1, Iceland *, India 1, Iran 7, Ireland 35, Morocco 1, Norway 121, People's Republic of China *, Portugal 1, Romania 435 and Sweden 130.

d. Austria 71, Brazil 817, Denmark 62, Finland 80, Honduras 75, Hong Kong 2, Ireland 23, Poland 13, Portugal 41, Singapore 26, Spain 25, Sweden 86, and Turkey 255.

TABLE 12: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984												8 MONTHS	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1984	1983
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	0	38	79	184	9	217	802					1329	256
OTHER	310.0130 & .0230*	1136	585	880	359	876	420	614	511					5583	4930
MONOFILAMENTS	309.0210 & .0610	0	0	0	2	0	3	0	0					5	24
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10	13	0	21					104	234
SUBTOTAL ABOVE		**1135**	**591**	**963**	**449**	**1073**	**445**	**1031**	**1334**					**7021**	**5444**
STAPLE	309.4320 & .4325	1517	1483	1365	900	1209	1106	1626	800					10306	6162
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208	38	118	113					957	494
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1617**	**1148**	**1944**	**1013**					**11286**	**6660**
WASTE, ADVANCED & NOT ADVANCED	309.4505 & .7510	**40**	**66**	**6**	**41**	**38**	**50**	**69**	**6**					**320**	**215**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0139 & .0239	1454	1571	1615	2435	2016	1469	1586	761					12916	3576
- POLYESTER	310.0110 & .0210	821	1167	834	867	1172	837	1084	617					7379	639
- OTHER	310.0114 & .0214	651	804	649	613	837	746	791	798					5689	5260
OTHER - NYLON	310.0149 & .0249	2022	2221	2916	2599	2926	1974	3983	2129					20274	7790
- POLYESTER	310.0150 & .0250	1328	1656	1616	1504	1707	1267	2085	881					12088	7775
- OTHER	310.0170 & .0270*	202	274	310	281	247	166	192	251					1933	1780
MONOFILAMENTS	309.0200 & .0300*	363	325	282	336	243	132	175	291					2147	969
STRIPS, OVER $1/LB	309.2100 & .2500*	80	102	80	101	62	122	67	83					734	370
SUBTOTAL ABOVE		**6551**	**7022**	**6319**	**6236**	**6310**	**6732**	**9963**	**5940**					**62796**	**27360**
STAPLE - NYLON	309.4130	2921	2034	2936	3665	2450	1686	7722	1527					24953	17568
- POLYESTER	309.4342	3115	2489	2234	1816	2156	1504	2134	1523					16981	6946
- ACRYLIC	309.4345	1061	1257	913	1297	1652	671	1426	947					9444	6871
- OLEFIN	309.4348	325	76	474	173	164	55	216	130					1635	698
- OTHER	309.43**	1109	959	1627	1551	1219	895	1657	1261					10501	5437
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	2271	1604	2787	1509	2033	1495	1831	1602					15132	12721
POLYESTER	309.3040 & .3140	227	593	1025	611	793	641	444	730					5065	470
ACRYLIC	309.3050 & .3150	646	536	978	355	782	312	798	443					4832	3975
OTHER	309.3065 & .3165	115	147	123	195	148	185	243	112					1268	542
SUBTOTAL ABOVE		**11810**	**9707**	**15099**	**11172**	**11397**	**7799**	**15883**	**8275**					**89891**	**57339**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2390	4767	2082	1623	1585	1218	7325	1635					22605	15857
- POLYESTER	309.6630	634	810	621	775	458	341	1318	792					5749	7637
- ACRYLIC	309.6645	37	1	0	0	0	0	0	0					38	229
- OTHER	309.6660	139	213	452	265	308	214	680	265					2546	2305
NOILS & GARNETTED FIBERS	309.6500 & .7000*	56	62	12	0	15	74	23	27					269	129
OTHER WASTE, ADVANCED	309.7525 - .7555	105	300	179	299	218	228	449	509					2287	1565
SUBTOTAL ABOVE		**3361**	**6153**	**3338**	**2962**	**2584**	**2075**	**9805**	**3429**					**33804**	**27603**
TOTAL MAN-MADE ABOVE		**24012**	**25074**	**27238**	**23820**	**25720**	**18195**	**39416**	**19990**					**204473**	**126639**
OTHER MAN-MADE FIBER TOPS YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	c	-	0	0	0	0	0	0					-	1
- NONCELLULOSIC	310.1015[d] & .1126*	1103	1204	1068	866	610	791	857	1317					8024	4953
OTHER - CELLULOSIC	310.1030 & .1135*	2	12	8	8	14	18	56	5					123	57
- NONCELLULOSIC	310.1050 & .1070*	146	84	162	163	517	305	304	171					1672	1583
SPUN YARN - CELLULOSIC	310.4011 & .4030*	104	52	136	91	188	227	173	91					1060	687
- OTHER	310.4011 - .4027	2541	3042	3050	3539	3089	3077	4580	311					22429	20143
OTHER YARNS - NES, INCL CHENILLE	310.6021 - .6090	121	112	116	46	23	241	46	94					801	2481
HANDWORK YARNS & SEWING THREAD	310.6560 - .9140	410	250	442	316	291	203	240	229					2383	1834
SLIVER, TOPS & ROVING	309.9000	569	756	607	639	381	74	352	258					3666	3757
TEXTILE GLASS FIBER	309.2600 & .2900	2126	2800	2813	1725	2452	1489	1857	2058					17432	12851
GRAND TOTAL ABOVE		**31962**	**34386**	**35042**	**30437**	**33263**	**24630**	**47991**	**24533**					**282743**	**175816**

SOURCE: U.S.Census Bureau Report IM145K.

NES - Not elsewhere specified.

* Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. non-cellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 13: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1984	1983
MAN-MADE FIBER DATA[c]														
YARN-MONOFILAMENTS[d]														
						TOTAL SHIPMENTS[b]								
ACETATE	17.8	16.9	19.8	17.8	20.3	18.0	15.9	17.6	14.3				158.4	170.4
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7	30.9	30.7				278.6	225.9
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7	2.8	3.1				26.1	24.9
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2	67.1	69.7				599.1	556.4
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3	28.6	29.2				270.0	285.0
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0	27.4	24.9				237.0	229.8
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0	1.9	1.7				16.1	19.2
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4	69.2	72.0				635.9	758.1
OLEFIN[h]	52.6	56.9	64.1	58.3	61.9	63.8	57.9	60.8	57.2				533.5	538.5
TOTAL NONCELLULOSIC ABOVE[i]	299.4	281.2	294.0	303.2	298.3	281.8	263.2	288.7	288.5				2598.3	2637.8
STAPLE+TOW+FIBERFILL														
RAYON	32.4	31.6	38.0	35.9	32.5	34.4	29.8	33.4	28.7				296.7	281.4
NYLON[e]	80.0	65.9	70.8	62.3	74.1	57.3	59.4	73.4	66.1				629.3	685.7
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9	59.9	55.6				513.0	498.8
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	157.5	189.5	179.1				1635.4	1640.4
OLEFIN-VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4	21.9	21.9				182.3	134.1
TOTAL NONCELLULOSIC ABOVE	324.1	314.1	352.1	361.5	340.9	310.7	289.2	344.7	322.7				2960.0	2959.0
						END-OF-MONTH STOCK								
YARN-MONOFILAMENTS														
ACETATE	14.3	14.6	13.2	13.6	11.8	13.1	16.2	15.5	15.3				15.3	14.1
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1	29.0	25.6				25.6	24.8
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3	5.3	4.8				4.8	5.1
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4	61.0	62.7				62.7	44.2
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8	44.9	45.9				45.9	39.3
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1	20.2	20.8				20.8	21.3
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	5.0	5.1				5.1	2.7
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6	83.4	76.5				76.5	79.8
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2	58.9	59.3				59.3	53.2
TOTAL NONCELLULOSIC ABOVE[i]	278.2	291.7	298.0	288.6	292.3	304.6	314.1	307.7	300.7				300.7	270.4
STAPLE+TOW+FIBERFILL														
RAYON	25.1	27.4	25.3	23.2	27.5	26.2	28.1	26.7	28.3				28.3	21.3
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0	77.4	76.1				76.1	57.9
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3	72.3	71.1				71.1	65.8
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7	209.9	205.2				205.2	160.4
OLEFIN-VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7	21.5	21.2				21.2	16.7
TOTAL NONCELLULOSIC ABOVE	348.1	365.4	363.2	344.8	349.6	376.9	407.7	381.1	373.6				373.6	300.8
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.5	14.7	13.7	10.2	12.7					109.3	97.7
CARPET CLASS WOOL	0.9	0.8	0.9	1.1	1.0	0.9	0.7	0.7					7.0	6.9
TOTAL RAW WOOL	14.2	16.0	15.9	15.6	15.7	14.6	10.9	13.4					116.3	104.6
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6	186.7	226.1					1840.9	1858.1

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 37 of the March/April issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 37 of the March/April issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 37 of the March/April issue.